

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S3	18	("20020042012" "20020064401" "20020064724" "20020086229" "20020127030" "20030027072" "4777104" "4996127" "5567561" "5702859" "5849456" "5888687" "5910389" "5998078" "6080519" "6106986" "6408155" "6544707").PN.	US-PGPUB; USPAT	ADJ	ON	2007/09/21 10:25
S4	5380	toner and binder and wax and carrier	US-PGPUB; USPAT	ADJ	ON	2007/09/20 09:56
S5	1	("20060014094").PN.	US-PGPUB; USPAT	OR	OFF	2007/09/20 10:23
S7	27	((yuasa near2 yasuhito) or (kiminori near2 umeda)).in.	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:24
S8	1885	(430/108.2,108.4,111.35,108.1,120.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/20 10:33
S9	13	S7 and S8	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:33
S10	18	S4 and S7	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:33
S11	1009	S4 and S8	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:33
S12	13	S4 and S9	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:33
S13	1014	S10 or S11 or S12	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:42
S14	86	(synthetic wax) and alcohol and (polycarboxylic acid) and (hydrocarbon wax)	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:14
S15	6	S13 and S14	US-PGPUB; USPAT	ADJ	ON	2007/09/20 10:43
S19	2	S14 and S7	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:13
S20	7	S14 and S8	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:13
S21	1	(synthetic wax) with alcohol with (polycarboxylic acid) with (hydrocarbon wax)	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:15
S22	3409	Fischer tropesch wax	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:15
S23	219	S22 and S13	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:16

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S26	50	S23 and (wax with react\$)	US-PGPUB; USPAT	ADJ	ON	2007/09/20 11:17
S27	2	(US-20060014094-\$ or US-20020034702-\$).did.	US-PGPUB	ADJ	ON	2007/09/20 15:35
S28	3791	(molecular weight) with wax	US-PGPUB	ADJ	ON	2007/09/20 15:41
S29	2	S27 and S28	US-PGPUB	ADJ	ON	2007/09/20 15:36
S30	2	((average molecular weight) with wax) and S27	US-PGPUB	ADJ	ON	2007/09/20 16:26
S31	1	carrier with (weight or wt) and S27	US-PGPUB	ADJ	ON	2007/09/20 16:28
S32	3	(ester wax) with (iodine value) with (saponification)	US-PGPUB	ADJ	ON	2007/09/20 16:28
S33	0	(Fischer tropsch wax) same (alkyl alcohol) same (polycarboxylic acid) same (hydrocarbon wax)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 10:33
S34	6	(Fischer tropsch wax) and (wax same (alkyl alcohol) same (polycarboxylic acid) same (hydrocarbon wax))	US-PGPUB; USPAT	ADJ	ON	2007/09/21 10:46
S35	6	(wax same (alkyl alcohol) same (polycarboxylic acid) same (hydrocarbon wax))	US-PGPUB; USPAT	ADJ	ON	2007/09/21 10:49
S36	6	(alkyl alcohol) same (polycarboxylic acid) same (hydrocarbon wax)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 10:51
S37	85	(alkyl alcohol) and (polycarboxylic acid) and (hydrocarbon wax)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:14
S38	165	(aliphatic amide wax) or (alkylene bis fatty acid amide)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S39	5380	toner and binder and wax and carrier	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S40	27	((yuasa near2 yasuhito) or (kiminori near2 umeda)).in.	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S41	1885	(430/108.2,108.4,111.35,108.1, 120.1).CCLS	US-PGPUB; USPAT	OR	OFF	2007/09/21 11:15
S42	13	S40 and S41	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S43	18	S39 and S40	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S44	1009	S39 and S41	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S45	13	S39 and S42	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15

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S46	1014	S43 or S44 or S45	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:21
S47	12	S38 and S46	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:15
S49	12	C\$2 and S47	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:27
S50	57546	C\$2 with wax	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:28
S51	9	S50 and S47	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:30
S52	65775	"c.sub."\$2 and wax	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:32
S53	2	S52 and S47	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:31
S54	282	S52 and S41	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:32
S55	5	S54 and S37	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:32
S56	4520	"c.sub."\$2 with wax	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:35
S57	16	S56 and S41	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:33
S58	2	S57 and S37	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:33
S59	107	alkylene bis fatty acid amide	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:36
S60	66	S59 same wax	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:36
S61	3	S60 and S41	US-PGPUB; USPAT	ADJ	ON	2007/09/21 11:44
S62	1	((fixing adjuvant) with wax) and S61	US-PGPUB; USPAT	ADJ	ON	2007/09/21 12:01
S63	1	(fluorine near3 silicone) and S62	US-PGPUB; USPAT	ADJ	ON	2007/09/21 12:01
S64	1	((charge control agent) same (particle size)) and S61	US-PGPUB; USPAT	ADJ	ON	2007/09/21 14:41
S65	0	((charge control agent) same (average near2 size)) and S61	US-PGPUB; USPAT	ADJ	ON	2007/09/21 14:42
S66	1	((charge control agent) same size) and S61	US-PGPUB; USPAT	ADJ	ON	2007/09/21 14:42
S67	3	(toner same size) and S61	US-PGPUB; USPAT	ADJ	ON	2007/09/21 14:50
S68	1	(powder and (charge control agent)) and S62	US-PGPUB; USPAT	ADJ	ON	2007/09/21 14:51

## EAST Search History

S69	1	(powder same (charge control agent)) and S62	US-PGPUB; USPAT	ADJ	ON	2007/09/21 15:17
S70	22299	(hydroxystearic acid) or (((glycerol fatt acid) or (glycol fatty acid) or (sorbitan fatty acid)) near2 ester)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 17:10
S71	40	S70 and S41	US-PGPUB; USPAT	ADJ	ON	2007/09/21 15:20
S72	6	S71 and S40	US-PGPUB; USPAT	ADJ	ON	2007/09/21 15:20
S73	27	((yuasa near2 yasuhito) or (kiminori near2 umeda)).in.	US-PGPUB; USPAT	ADJ	ON	2007/09/21 17:10
S74	22299	(hydroxystearic acid) or (((glycerol fatt acid) or (glycol fatty acid) or (sorbitan fatty acid)) near2 ester)	US-PGPUB; USPAT	ADJ	ON	2007/09/21 17:10
S75	10	S74 and S73	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:02
S76	27	((yuasa near2 yasuhito) or (kiminori near2 umeda)).in.	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:02
S77	22299	(hydroxystearic acid) or (((glycerol fatt acid) or (glycol fatty acid) or (sorbitan fatty acid)) near2 ester)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:02
S78	10	S77 and S76	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:02
S79	7	S78 and ((average molecular weight) same wax)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:02
S80	5	(US-20060014094-\$ or US-20050139701-\$ or US-20020034702-\$ or US-20020086229-\$).did. or (US-6579653-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:09
S81	2	S80 and ((coupling agent) same (part or weight or mass))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:10
S82	1	S80 and ((aminosilane) same (part or weight or mass))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:10
S83	1	S80 and ((aminosilane) same (part or weight or mass or wt%))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:11
S85	5	S80 and ((toner same (weight or wt% or wt or parts))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:12
S86	5	S80 and ((toner and carrier) same (weight or wt% or wt or parts))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:24
S87	5	S80 and ((additive) same (weight or wt% or wt or parts))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:28
S88	6	(alkyl alcohol) same (polycarboxylic acid) same (hydrocarbon) same wax	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:33

## EAST Search History

S89	1885	(430/108.2,108.4,111.35,108.1,120.1).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/09/24 08:29
S91	6	S88 and S89	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:30
S93	6	((alkyl alcohol) same (polycarboxylic acid) same (hydrocarbon)) and wax	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:34
S94	42	wax same (endothermic peak) same (acid value)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:49
S95	17	S94 and S89	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:34
S96	42	S94 and toner	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:46
S97	103	(hydrocarbon wax) same (acid) same (alkyl alcohol) same wax	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:46
S98	1	S97 and S80	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:46
S99	20	S97 and S89	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:46
S100	4	S94 and S99	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:48
S101	17	(wax same ((endothermic peak) or (acid value))) and S99	US-PGPUB; USPAT	ADJ	ON	2007/09/24 08:49
S102	7	aminosilane with (fluorine near2 (silicon or silicone) near2 resin)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:18
S103	7	S102 and S89	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:18
S104	16	aminosilane with (fluorine near2 (silicon or silicone))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:20
S105	20	perfluoroalkyl near2 organosilicon	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:21
S106	2	S105 and S89	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:21
S107	6	(US-20060014094-\$ or US-20020086229-\$ or US-20030152856-\$ or US-20050196694-\$ or US-20020064724-\$).did. or (US-6579653-\$).did.	US-PGPUB; USPAT	ADJ	ON	2007/09/24 14:50
S108	2	S107 and (organosilicon with (weight or mass or parts))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:28
S109	2	S107 and (organosilicon same (weight or mass or parts))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:47
S111	2	S107 and (aminosilane with (weight or wt or part or mass))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:49

## EAST Search History

S11 3	2	S107 and ((aminosilane or (amino silane)) with (weight or wt or part or mass))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:50
S11 4	2	S107 and ((aminosilane or (amino silane)) with (weight or wt or part or mass or amount))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:51
S11 5	0	((negative near2 inorganic) and (positive near2 inorganic)) same (particle size) same (weight or parts or wt or mass or amount)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:52
S11 6	2	(negative near2 inorganic) same (particle size) same (weight or parts or wt or mass or amount)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:53
S11 7	5	(negative\$ near2 inorganic) same (particle size) same (weight or parts or wt or mass or amount)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:53
S11 8	69	(negative\$ near2 inorganic) same (weight or parts or wt or mass or amount)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:54
S11 9	61	(positive\$ near2 inorganic) same (weight or parts or wt or mass or amount)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:54
S12 0	7	S118 and S119	US-PGPUB; USPAT	ADJ	ON	2007/09/24 10:03
S12 1	1	S120 and ignition	US-PGPUB; USPAT	ADJ	ON	2007/09/24 09:54
S12 2	6	S120 and (inorganic with (weight or wt or mass))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 10:04
S12 3	2	S107 and (silane same resin)	US-PGPUB; USPAT	ADJ	ON	2007/09/24 14:50
S12 4	2	S107 and (silane same (resin or coat))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 14:50
S12 5	5	S107 and (silane same (resin or coat\$))	US-PGPUB; USPAT	ADJ	ON	2007/09/24 14:55